**Fig. 1**



**Fig. 2**

14  15  16

Fig. 3

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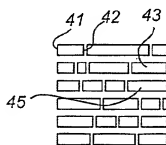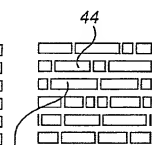
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Fig. 8

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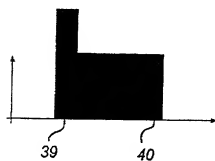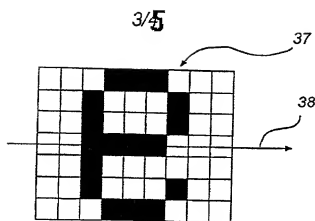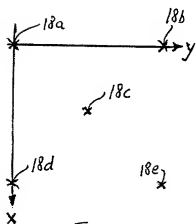
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Fig. 7a        Fig. 7b

**Fig. 6**



*Fig 4 a*

*Fig 4 b*



**Fig. 5**

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**Fig. 9**

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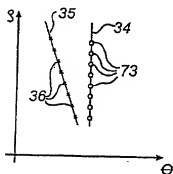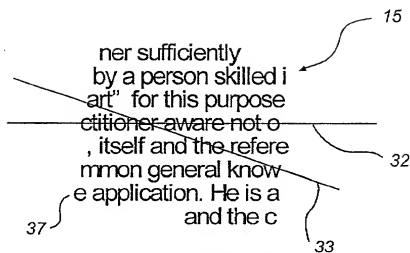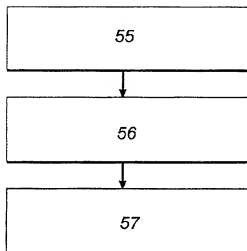
57

**Fig. 10**

US-5,301,243 discloses a hand-held scanner for read-
ing characters from a string of characters on a sub-
strate. The scanner is moved in contact with the
substrate along the character line and has an optical
system which images a small part of the substrate. The
optical system comprises a CCD type line sensor provided
with a plurality of light-sensitive elements arranged in
a line. When the scanner is passed across the characters
on the substrate, a succession of vertical slices of the
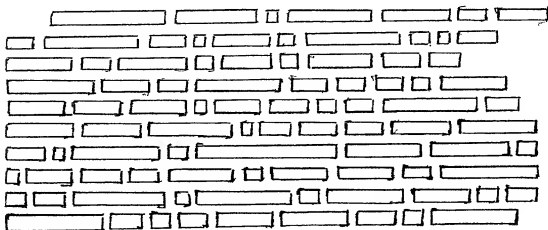characters and of the spaces between them is recorded.

Fig 11a

Fig. 11b

Fig 11c

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